

Application No. 10/710,636

Response to Office Action of July 13, 2006

Amendment to the Specification:

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Please replace paragraph [0014] on ~~page 2, column 4~~, with the following paragraph:

A high diffusion coefficient D is generally associated with rubbery polymers, that is, polymers having a low glass transition temperature (T_g), preferably below 0°C. In simple terms, the mobility of a polymer chain is sharply reduced as transition occurs from a rubbery state (~~below~~ above T_g) to a glassy state (~~above~~ below T_g). The chain mobility in a rubbery polymer allows diffusion of water molecules that would otherwise be difficult across a rigid, glassy polymer.